

<i>Semester</i>	<i>Paper Code</i>	<i>Paper Name</i>	<i>Theory/Practical</i>	<i>Course Outcome</i>
<b><i>PG Semester IV</i></b>	Micro C41	Virology	Theory	To understand the advanced knowledge about the molecular biology of different important viruses associated with human and plant diseases.
	Micro C42	Immunology	Theory	1. To understand the advanced knowledge about immunology and immune cells. 2. To understand about different immunodeficiencies and cancer immunology and therapy
			Practical	To have a the knowledge about different immunological techniques for research and clinical purposes
	Micro C43	Medical Biotechnology and Gene Therapy	Theory	1. To have knowledge about different techniques associated with medical sciences. 2. To understand the concepts of gene therapy. 3. To understand the bioethics related to research methodologies. 4. To understand the detailed methods of cell culture techniques.
	Micro C44	Host-microbe interactions	Theory	1. To understand the mechanisms of bacterial pathogenesis associated with humans and plants. 2. To understand the mechanisms of plant-microbe and human-microbe association.
	Micro S41	Computer Application and Bioinformatics	Theory	To understand the basic knowledge about the application of bioinformatics in different biological research
			Practical	To understand the usage of bioinformatics tools in biological research and large data management.
	Dissertation			To understand the proper methods to write and defend a research proposal in front of a panel of experts
	Grand Viva			To judge and prepare themselves for different interviews they are going to face in future